Sheet 1 of 6

Form 1449*
Docket Number: 9785980-0008
Application Number: 09/604,595
Applicant: Steven A. Gronemeyer et al.
Filing Date: 6/2/00
Group Art Unit 2734

JUN 1 8 2007			U.S. PATENT DOCUMENTS					
EXAMINER CONTINUES	3,604,911	DATE	NAME	CLASS	SUBCLASS	FILING APPRO	DATE	IF E
12	3,604,911	9/14/71	Schmitt	235	181			
7	3,975,628	8/17/76	Graves et al.	250	199	ਨ		
	4,426,712	1/17/84	Gorski-Popiel	375	96	9		ŕ
	4,445,118	4/24/84	Taylor et al.	343	357	0	N N	7
	4,463,357	7/31/84	MacDoran	343	460	7.	9	
	4,578,678	3/25/86	Hurd	343	357	MAILROOM	200	
	4,667,203	5/19/87	Counselman, III	342	357	80		
	4,701,934	10/20/87	Jasper	375	1	3		
	4,754,465	6/28/88	Trimble	375	1			
	4,785,463	11/15/88	Janc et al.	375	1			
	4,809,005	2/28/89	Counselman, III	342	352			_
	4,821,294	4/11/89	Thomas Jr.	375	96		_	_
	4,890,233	12/26/89	Ando et al.	364	457			_
	4,894,662	1/16/90	Counselman	342	• 357			_
	4,894,842	1/16/90	Broekhoven et al.	375	1			_
	4,992,720	2/12/91	Hata	320	23			_
	4,998,111	3/5/91	Ma et al.	342	352			
	5,014,066	5/7/91	Counselman, III	342	352			_
	5,018,088	5/21/91	Higbie	364	574			_
	5,036,329	7/30/91	Ando	342	357			
	5,043,736	8/27/91	Darnell et al.	342	357			_
	5,108,334	4/28/92	Eschenbach et al.	455	314			_
	5,148,042	9/15/92	Nakazoe	307	65			_
	5,153,591	10/6/92	Clark	341	51			_
	5,179,724	1/12/93	Lindoff	455	76			
	5,202,829	4/13/93	Geier	364	449			_
	5,225,842	7/6/93	Brown et al.	342	357			_
	5,253,268	10/12/93	Omura et al.	375	1			_
	5,276,765	1/4/94	Fremman et al.	395	2			_
- \ 	5,293,170	3/8/94	Lorenz et al.	376	309			_

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conformance and not considered. Include copy of this form for next comm	nunication to the Applicant.

*Substitute Disclosure Statement Form (PTO-1449)

Form 1449*			Docket Number: 9785980-0008 Application Number: 09/604,59			604,595
INFORMATION	N DISCLOSURE ST	TATEMENT	Applicant: Steven A. Gronemeyer et	al.		
S. S.	AN APPLICATION	· · · · · · · · · · · · · · · · · · ·	Filing Date: 6/2/00	Group Art Unit 2734		
1 2001	5,293,398	3/8/94	Hamao et al.	375	1	
38/	5,297,097	3/22/94	Etoh et al.	365	226	
HADE MARK SE	5,311,195	5/10/94	Mathis et al.	342	357	- C
	5,323,164	6/21/94	Endo	342	357	26
	5,343,209	8/30/94	Sennott et al.	342	357	8 2
	5,345,244	9/6/94	Gildea et al.	342	357	3 9
	5,347,536	9/13/94	Meehan	375	1	MAILROOM
	5,352,970	10/4/94	Armstrong II	320	39	70 =
	5,363,030	11/8/94	Ford et al.	320	13	읖
	5,378,155	1/3/95	Eldridge	434	11	
	5,379,224	1/3/95	Brown et al.	364	449	
	5,396,515	3/7/95	Dixon et al.	375	208	·········
1	5,402,346	3/28/95	Lion, et al.	364	436	
	5,402,347	3/28/95	McBurney et al.	364	443	
	5,410,747	4/25/95	Ohmagari et al.	455	118	
	5,416,712	5/16/95	Geier et al.	364	450	
	5,418,818	5/23/95	Marchetto et al.	375	264	
	5,420,593	5/30/95	Niles	342	357	
	5,440,313	8/8/95	Osterdock et al.	342	352	
	5,450,344	9/12/95	Woo et al.	364	449	
	5,498,239	3/12/96	Galel et al.	604	95	
	5,504,684	4/2/96	Lau et al.	364	443	
	5,546,445	8/13/96	Dennison et al.	379	60	•
	5,548,613	8/20/96	Kahu et al.	375	208	
	5,550,811	8/27/96	Kahu et al.	370	18	
	5,568,473	10/22/96	Hemmati	370	18	
	5,577,023	11/19/96	Marum et al.	370	16	
	5,577,025	11/19/00	Skinner et al.	370	22	

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Rodal et al.

Loomis et al.

EXAMINER: DATE CONSIDERED: 5/26/04

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NECEMATION DISCLOSURE STATEMENT

Form 1449*

•	Sheet 3 of 6
Docket Number: 9785980-0008	Application Number: 09/604,595
Applicant: Steven A. Gronemeyer et al.	

IN A	N APPLICATION		Filing Date: 6/2/00	Group Art	Unit 2734	-1
-						C
(S)	5,640,429	6/17/97	Michaels et al.	375	340	JI 26
2001	5,640,431	6/17/97	Bruckert et al.	375	344	JUN 1 2600
EMARIE	5,642,377	6/24/97	Chung et al.	375	200	3 9
1	5,644,591	7/1/97	Sutton	375	200	200
	5,649,000	7/15/97	Lee et al.	455	436	MAILROOM
1	5,650,792	7/22/97	Moore et al.	343	725	9
	5,654,718	8/5/97	Beason et al.	342	357	
	5,663,734	9/2/97	Krasner	342	357	
	5,663,735	9/2/97	Eshenbach	342	357	· · · · · · · · · · · · · · · · · · ·
	5,689,814	11/18/97	Hagisawa et al.	455	69	
	5,722,061	2/24/98	Hutchison IV et al.	. 455	245.1	
	5,734,674	3/31/98	Fenton et al.	375	207	
	5,734,966	3/31/98	Farrer et al.	455	63	
	5,737,329	4/7/98	Horiguchi	370	342	
	5,739,596	4/14/98	Takizawa et al.	307	66	
	5,749,067	5/5/98	Barrett	704	233	
	5,781,156	7/14/98	Krasner	342	357	
	5,784,695	7/21/98	Upton et al.	455	442	
	5,786,789	7/28/98	Janky	342	357	
	5,812,087	9/22/98	Krasner	342	357	
	5,825,327	10/20/98	Krasner	342	357	
1	5,828,694	10/27/98	Schipper	375	208	
	5,831,574	11/3/98	Krasner	342	357	
 	5,832,021	11/3/98	Kondo	375	200	
	5,841,396	11/24/98	Krasner	342	357	
	5,845,203	12/1/98	LaDue	455	414	
	5,854,605	12/29/98	Gildea	342	357	· · · · · · · · · · · · · · · · · · ·
1	5,862,465	1/19/99	Ou	455	234.1	
	5,867,535	2/2/99	Phillips et al.	375	295	
	5,867,795	2/2/99	Novis et al.	455	566	 ,
1-1-	5,872,540	2/16/99	Casabona et al.	342	362	
#	5,874,914	2/23/99	Krasner	342	357	
W	5,877,724	3/2/99	Davis	342	357	
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*Substitute Disclosure Statement Form (PTO-1449)

conformance and not considered. Include copy of this form for next communication to the Applicant.

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Form 1449			,	Docket Number: 9785980-0008		on Number: 09	/604,595	
		SCLOSURE ST	ATEMENT	Applicant: Steven A. Gronemeyer et				
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		5,877,725	3/2/99	Kalafus	342	357	8 =	~~
JUN 492	un 💹	5,881,371	3/9/99	Reynolds	455	83	50°	REUEI
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PADEN	<u>FFT</u>	5,883,594	3/16/99	Lau	342	357	ALR	3[
		5,884,214	3/16/99	Krasner	<i>7</i> 01	207	2600 HAILROOM	= '
		5,889,474	3/30/99	LaDue	340	825.49	001	
		5,903,654	5/11/99	Milton et al.	380	49	4	
		5,907,809	5/25/99	Molnar et al.	455	456	·	
		5,909,640	6/1/99	Farrer et al.	455	63		
		5,917,444	6/29/99	Loomis et al.	342	357		
		5,917,829	6/29/99	Hertz et al.	370	479		
		5,920,283	7/6/99	Shaheen et al.	342	357		
		5,923,703	7/13/99	Pon et al.	375	209		
		5,924,024	7/13/99	Ikeda et al.	455	313		
		5,926,131	7/20/99	Sakumoto et al.	342	357	-	
	+	5,936,572	8/10/99	Loomis et al.	342	357	-	
		5,943,363	8/24/99	Hanson et al.	375	206		
		5,945,944	8/31/99	Krasner	342	357.06		
		5,956,328	9/21/99	Sato	370	335		
		5,963,582	10/5/99	Stansell, Jr.	375	200		
		5,970,084	10/19/99	Honda	375	200		
	-		11/2/99					
		5,977,909		Harrison et al.	342	357.09		
		5,982,324	11/9/99	Watters et al.	342	357.06		
		5,987,016	11/16/99	He	370	335		
				Jensen et al.	370	492		
1		5,991,613	11/23/99	Euscher et al.	455	277.1		
		5,995,537	11/30/99	Kondo	375	208		
		5,999,124	12/7/99	Sheynblat	342	357.09		-
		6,002,362	12/14/99	Gudat	342	357.03		
		6,002,363	12/14/99	Krasner	342	357.1		
		6,002,709	12/14/99	Hendrickson	375	206		
$\overline{}$		6,009,551	12/28/99	Sheynblat	714	776		
	1 .	6,016,119	1/18/00	Krasner	342	357.06		
	//	6,023,462	2/8/00	Nieczyporowicz et al.	370	335		
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Form 1449*				Docket Number: 9785980-0008		on Number: 09	/604,595		
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11114 3~R 700	<u> </u>	041.000	2/24/00	TT	455	255	 		
JUN 35 20X	اين ⁶ ,	041,222	2/21/00	Horton et al.	455	255	~		戸
	6, 6,	047,016	4/4/00	Ramberg et al.	375	200	003		T
PADEMAR	> 6,	047,017	4/4/00	Cahn et al.	375	200	0	5	<u>`</u>
1	6,	049,715	4/11/00	Willhoff et al.	455	436	À	-3	
	6,	052,081	4/18/00	Krasner	342	357.02	<u></u>	100	
	6,	061,018	5/9/00	Sheynblat	342	357.06	MAILROOM		
	6,	064,336	5/16/00	Krasner	342	357.05	3		
	6,	064,688	5/16/00	Yanagi	375	149			
	6,	075,809	6/13/00	Naruse	375	147			
	6,	104,338	8/15/00	Krasner	342	357.06			
		104,340	8/15/00	Krasner	342	357.1		•	_
		107,960	8/22/00	Krasner	342	357.09			
		111,540	8/29/00	Krasner	342	357.1	· · · · · · · · · · · · · · · · · · ·		
 		131,067	10/10/00	Girerd et al.	701	213			
+		133,871	10/17/00	Krasner	342	357.06			
-		133,873	10/17/00	Krasner	342	357.12	 .		
		133,874	10/17/00	Krasner	342	357.15			
4		150,980	11/21/00	Krasner	342	357.1			
		,130,700	11/ 21/ 00	Kiasici	312	337.1			
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INITIAL	<u> </u>			<u></u>			YES	NO
0	WO 92/13392							
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	EP 0639901 A2						<u> </u>	
	EP 0639901 A3		· ·				<u> </u>	
	JP 08/065205A	l				<u> </u>	L	
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(,C)			R. M. Coenen, "New Fast GPS C	ode-Acqui	stion Te	chnique Using F	FT," Janua	ry 17, 1991
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Application Number	09/604,595
Filing Date	June 27, 2000
First Named Inventor	Steven A. GRONEMEYER, et al.
Group Art Unit	2734
Examiner Name	To be assigned
Attorney Docket Number	50048170-0009

			U.S. PATENT	DOCUMENTS		
	Cito	Document Number	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where	
Examiner Initials *	Cite No. ¹	Number - Kind Code ² (if known)	MM-DD-YYYY	Document	Relevant Passages or Relevant Figures Appear	
(\D)		US-4,894,842	01/16/1990	BROEKHOVEN, et al.		
		US- 5,577,025	11/19/1996	SKINNER, et al.		
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		US-5,640,431	06/17/1997	BRUCKERT, et al.	RECE	
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		US-5,917,829	06/29/1999	HERTZ, et al.	MECEI	
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es or	Lines, Where Relevant Passages or Relevant Figures Appear	Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Cite No.1	Examiner Initials*
		Snaptrack, Inc.	04/17/1997	WO 97/14053		U
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¹ Applicant's unique citation designation number (optional) . ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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		Ä	AUG 0 5 2002 7	Application Number	09/604,595
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STAT	TEMENT BY A	APP	LKEANT BY	First Named Inventor	Steven A. GRONEMEYER. et al.
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			s as necessary)	Examiner Name	To be assigned
Sheet	1		1	Attorney Docket No.	50048170-0009

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HOLM, Eric D. and WESTERFIELD, Edwin E., "A GPS Fast Acquisition	
Λ <u> </u>		Receiver," vol. 14, pages 214-218, The John Hopkins University Applied	
		Physics Laboratory: National Telesystems Conference, New York, I.E.E.E.,	
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4 \	•	LEVANON, N., and GETZ, B., "Comparison between linear FM and phase-	
()		coded CW radars" <u>IEE, ProcRadar, Sonar Navig.</u> , Institution of Electrical	
		Engineers, Vol. 141, No. 4, pages 230-40, August 1, 1994,	
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